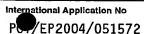
INTERNATIONAL SEARCH REPORT



			PG-/EP2004/051572	
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER E21B33/12		•	
According to	o International Patent Classification (IPC) or to both national classifica	olien and IDO		
	SEARCHED	ation and IPC		
Minimum do IPC 7	ocumentation searched (classification system followed by classification $E21B$	on symbols)		
Documenta	tion searched other than minimum documentation to the extent that s	uch documents are includ	ed in the fields searched	
Electronic d	ata base consulled during the International search (name of data bas	se and, where practical, s	earch terms used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.	
X	US 3 385 367 A (PAUL KOLLSMAN) 28 May 1968 (1968-05-28) column 9, line 5 - line 18; figur	1-20		
A	WO 03/008756 A (SHELL CANADA LTD MARTIN GERARD RENE (NL); CORNELIS KER) 30 January 2003 (2003-01-30) cited in the application the whole document	1,14		
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A	WO 02/059452 A (THOMSON NEIL ; E2 (NL)) 1 August 2002 (2002-08-01) the whole document	TECH LTD	1,18	
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X Furt	ner documents are listed in the continuation of box C.	χ Patent family me	embers are listed in annex.	
"A" docume consid "E" earlier of filing d "L" docume which citation "O" docume other of docume later th	ant defining the general state of the art which is not leared to be of particular relevance focument but published on or after the international late and the state of the sta	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
	actual completion of the international search	Date of malling of the	International search report	
	O December 2004	22/12/2004		
нашь вла п	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016	Authorized officer Ott, S		

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international Application No
PC-/EP2004/051572

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	FG47 EP20047 051572
Category °		Relevant to claim No.
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